



**US Army Corps
of Engineers.**

Public Notice

Public Notice No. 05-98

Date: November 23, 2005

Nashville District

Application No. 200501325

Please address all comments to:
Nashville District Corps of Engineers, Regulatory Branch
3701 Bell Road, Nashville, TN 37214

JOINT PUBLIC NOTICE US ARMY CORPS OF ENGINEERS AND TENNESSEE VALLEY AUTHORITY

SUBJECT: Proposed Mooring Cells, Dock, Mooring Dolphins, and Bank Stabilization For Barge Loading/Offloading Facility, Tennessee River Mile 457.0, Right Bank (Nickajack Lake), Hamilton County, Tennessee

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit pursuant to **Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (33 U.S.C. 1344)**. Before a permit can be issued, certification must be provided by the State of Tennessee, Division of Water Pollution Control, pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards will not be violated.

APPLICANT: Riverside Industries, LLC
731 Pineville Road
Chattanooga, Tennessee 37405

LOCATION: Tennessee River Mile 457.0 Right Bank, Hamilton County Tennessee
USGS: Chattanooga, Tennessee Quadrangle
Lon: 85-20-16 Lat: 35-03-52

DESCRIPTION: The applicant proposes to construct facilities to operate a barge loading/offloading facility. The applicant proposes to construct/perform the following:

1. Construct two mooring cells 24' in diameter requiring the placement of 221 cubic yards (cy) in Cell #2 and 139 cy of material in Cell # 5 below summer pool elevation of 634.0.
2. Construct an 81' long main dock area by driving sheet piles to bedrock and backfilling with dirt and rock. This action would require the placement of 652 cy yards of material below summer pool elevation of 634.0.

3. Install two tripod dolphins for mooring of barges.

4. Place riprap around the dock structure for a distance of 75 linear feet at a rate of 4.86 cubic yards per linear foot resulting in the deposition of 364.5 cubic yards of riprap below summer pool elevation of 634.0.

A crane would be located on the main dock for loading and offloading. A 60" conveyor would be used to load barges on the northern side of the main dock. A 42" conveyor system would be used on the southern side of the main dock for offloading.

The purpose of the facility is to load and offload bulk quantities of sand, gravel, and steel. There will be no loading/offloading of wood chips. The applicant anticipates initially 2-3 barges per month with future traffic of two barges per week. A maximum of nine barges would be held in queue three barges wide.

Plans of the proposed work are attached to this notice.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

An Environmental Assessment will be prepared by this office prior to a final decision concerning issuance or denial of the requested Department of the Army Permit.

The applicant has previously met with the Tennessee State Historic Preservation Office (SHPO) to address potential project effects on historic properties. A Phase I Archaeological Survey of the project area has been completed by the applicant and will be forwarded to the SHPO for their review and comment. Copies of this notice are being sent to the office of the State Historic Preservation Officer and the U.S. Department of the Interior, National Park Service - Atlanta.

Based on available information, the proposed work will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and, therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Other Federal, State, and/or local approvals required for the proposed work are as follows:

- a. Tennessee Valley Authority (TVA) approval under Section 26a of the TVA Act. In addition to other provisions of its approval, TVA would require the applicant to employ best management practices to control erosion and sedimentation, as necessary, to prevent adverse aquatic impacts.
- b. Water quality certification from the State of Tennessee in accordance with Section 401(a)(1) of the Clean Water Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Written statements received in this office on or before December 23, 2005, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Carl R. Olsen, at the above address, telephone (615) 369-7513. It is not necessary to comment separately to TVA since copies of all comments will be sent to that agency and will become part of its record on the proposal. However, if comments are sent to TVA, they should be mailed to:

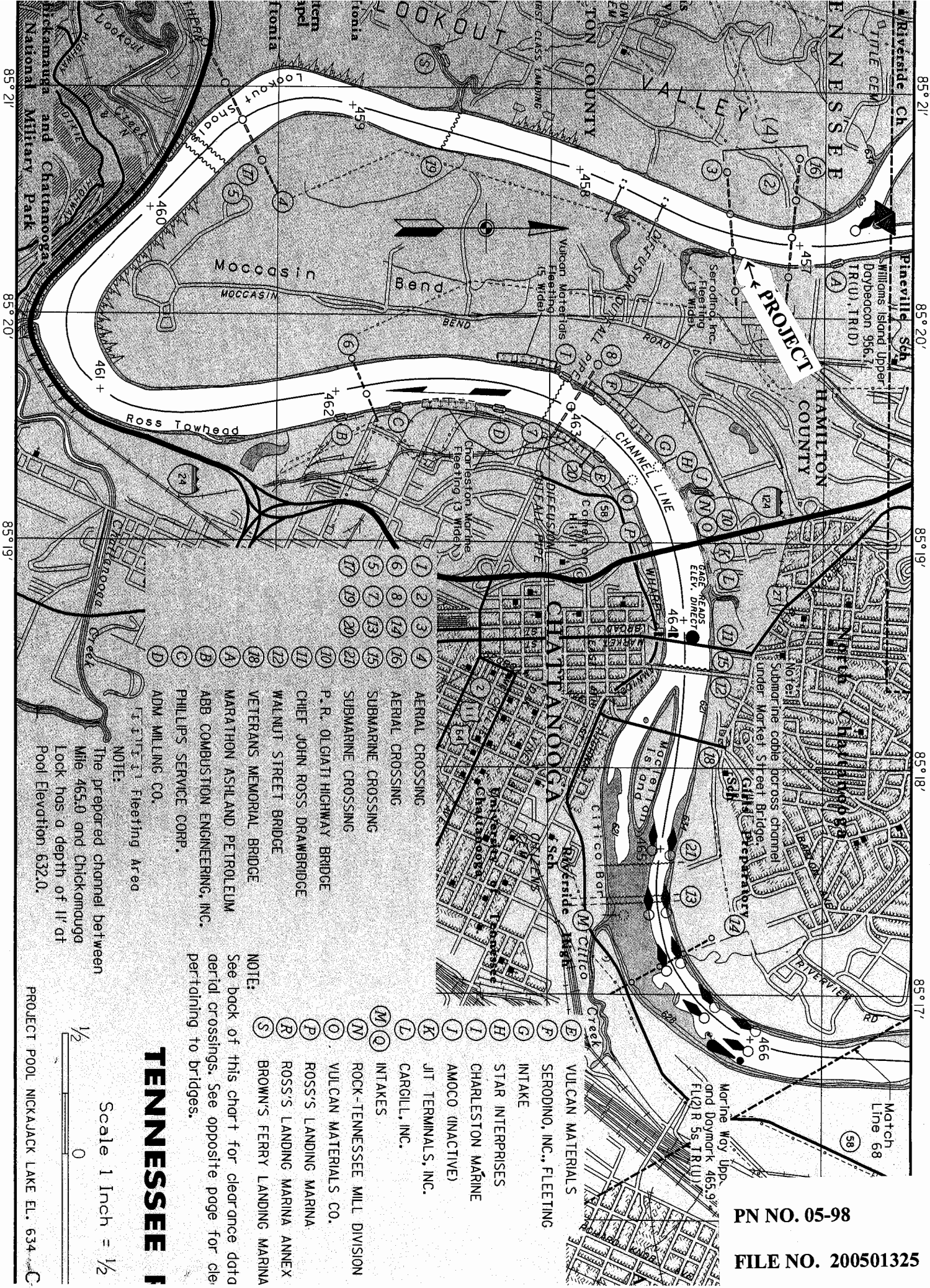
Mr. Dan Fisher
Tennessee Valley Authority
CHICKAMAUGA/NICKAJACK WATERSHED TEAM
1101 Market Street (PSC 1E), Chattanooga, Tennessee 37402-2801



PN NO. 05-98

FILE NO. 200501325

USGS
CHATTANOOGA, TENN.



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NOTE:
See back of this chart for clearance data
aerial crossings. See opposite page for cle
pertaining to bridges.

TENNESSEE

Scale 1 Inch = 1/2



PROJECT POOL NICKAJACK LAKE EL. 634

- 1 AERIAL CROSSING
- 2 AERIAL CROSSING
- 3 AERIAL CROSSING
- 4 AERIAL CROSSING
- 5 SUBMARINE CROSSING
- 6 SUBMARINE CROSSING
- 7 SUBMARINE CROSSING
- 8 SUBMARINE CROSSING
- 9 SUBMARINE CROSSING
- 10 P. R. OLGAIT HIGHWAY BRIDGE
- 11 CHIEF JOHN ROSS DRAWBRIDGE
- 12 WALNUT STREET BRIDGE
- 13 VETERANS MEMORIAL BRIDGE
- 14 MARATHON ASHLAND PETROLEUM
- 15 ABB COMBUSTION ENGINEERING, INC.
- 16 PHILLIPS SERVICE CORP.
- 17 ADM. MILLING CO.

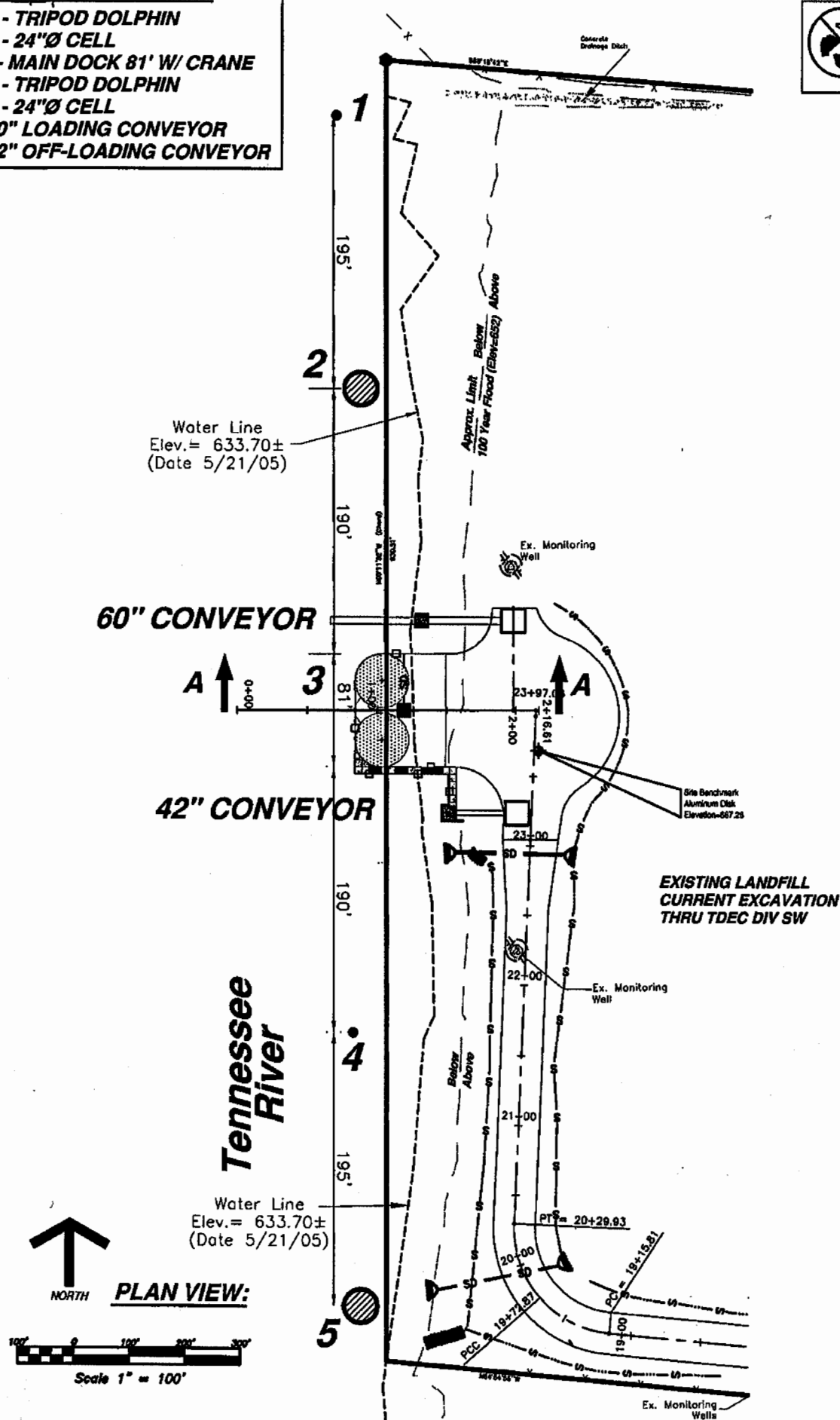
- (M) INTAKES
- (N) ROCK-TENNESSEE MILL DIVISION
- (O) VULCAN MATERIALS CO.
- (P) ROSS'S LANDING MARINA
- (R) ROSS'S LANDING MARINA ANNEX
- (S) BROWN'S FERRY LANDING MARINA
- (E) VULCAN MATERIALS
- (F) SERODINO, INC., FLEETING
- (G) INTAKE
- (H) STAR INTERPRISES
- (I) CHARLESTON MARINE
- (J) AMOCO (INACTIVE)
- (K) JIT TERMINALS, INC.
- (L) CARGILL, INC.


NOTE:
The prepared channel between
Mile 465.0 and Chickamauga
Lock has a depth of 11' at
Pool Elevation 632.0.

1 - TRIPOD DOLPHIN
2 - 24"Ø CELL
3- MAIN DOCK 81' W/ CRANE
4 - TRIPOD DOLPHIN
5 - 24"Ø CELL
60" LOADING CONVEYOR
42" OFF-LOADING CONVEYOR



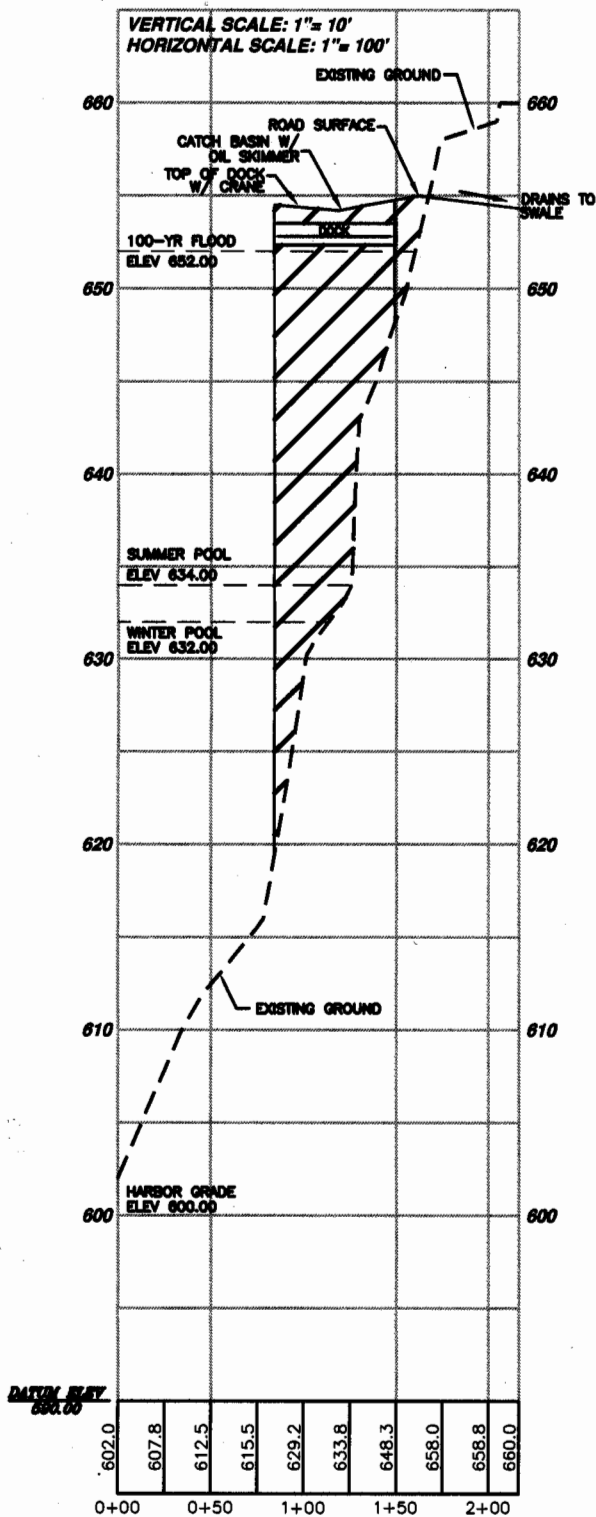
CALL 3 WORKING DAYS
BEFORE YOU DIE
DIE - DYEL - BLAST - BONE
(800) 351-1111
TODAY - ONE CALL CENTER



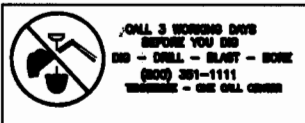
 <p> MARCH ADAMS & ASSOCIATES Consulting Engineers Chattanooga, Tennessee Phone (423) 698-6675 MAA# 04235 </p>	JOINT APPLICATION TVA/USACE PROPOSED BARGE TERMINAL 731 Pineville Road CHATTANOOGA, TN		DATE	09/16/05
			SCALE	1" = 100'
			DWG#	APP-2

PN NO. 05-98

FILE NO. 200501325



SECTION A-A



SITE INFORMATION:

SITE IS ZONED: M-1
TAX MAP PARCEL #: 135-010.01

STREET ADDRESS: 731 PINEVILLE RD., CHATTANOOGA, TN 37405
USGS QUADRANGLE: CHATTANOOGA, 105-SE
LANDMARK ON USGS MAP: SITE (SETTLING PONDS), NORTH OF SITE (WGOW RADIO TOWERS)

FLOODZONE: PORTIONS OF THE PROPERTY ARE LOCATED IN FLOOD ZONE "X" (SHADED AND UNSHADED) & FLOOD ZONE "AE" AS SCALED FROM THE FIRM MAP COMMUNITY-PANEL NUMBER, 47065C0329F, MAP REVISED NOVEMBER 7, 2002.

PROPERTY OWNER AND APPLICANT: RIVERSIDE INDUSTRIES
731 PINEVILLE RD.
CHATTANOOGA, TN 37405
PHONE NO.: (423) 266-8237
CONTACT: BILL RAMSEY

NORMAL SUMMER WATER LEVEL IS: 634
NORMAL WINTER WATER LEVEL IS: 632
100-YEAR FLOOD ELEV. IS: 652.9 FOR TVA RIVER MILE 457.0 - SOURCE TVA 652 - FIRM MAP/SURVEYOR

RIVER NAME: TENNESSEE RIVER
MILE MARKER: 457.0 R
TOTAL RIVER FRONTAGE: 930.51 FT (SURVEY BOUNDARY LINE AT RIVER)

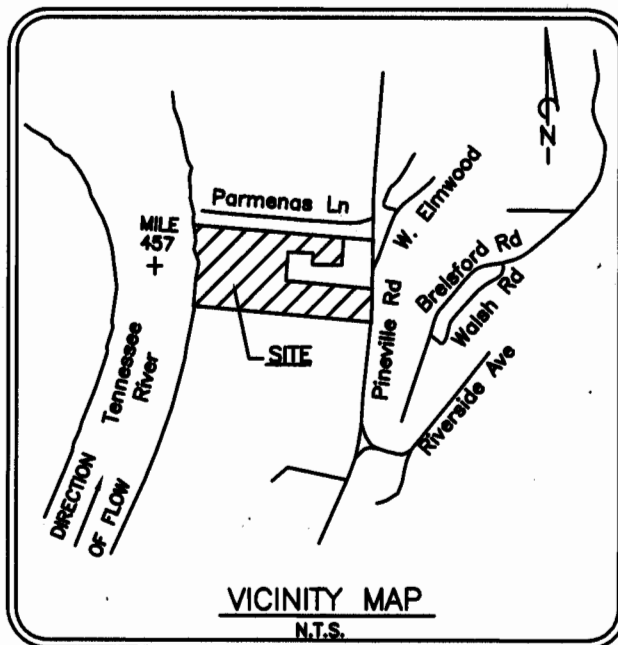
PURPOSE OF APPLICATION: INSTALLATION OF BARGE TERMINAL
(1) 81 FT MAIN DOCK
(2) TRIPOD DOLPHINS
(2) 24 FT # CELLS

STORAGE VOLUME BETWEEN 632-634 ELEV.: DOCK = 6135 cu ft
(1) CELL = 905 cu ft
(1) CELL = 905 cu ft
TOTAL = 7945 cu ft = 0.18 ac-ft = 294.25 cu yd

STORAGE VOLUME BELOW 634 ELEV.: DOCK = 17615 cu ft
CELL #2 = 5986 cu ft
CELL #5 = 3764 cu ft
TOTAL = 27,365 cu ft = 0.63 ac-ft = 1013.50 cu yd

RIP RAP AT BARGE ON BANK BELOW 634: 4.86 cu yd /lf (see narrative)
RIP RAP AT BARGE ON BANK 632-634: 0.099 cu yd /lf (see narrative)
RIP RAP AT BLUE LINE CROSSING: 5 sy each side (to be removed)
INTENDED USE: LOADING AND UNLOADING OF SAND, GRAVEL, STEEL
NO WOOD CHIPS

MAXIMUM BARGE MOORING: 9 BARGES
CONVEYORS: (1) 60 INCH LOADING ON NORTH SIDE OF DOCK
(1) 42 INCH OFFLOADING ON SOUTH SIDE OF DOCK
EQUIPMENT: CRANE



VICINITY MAP
N.T.S.

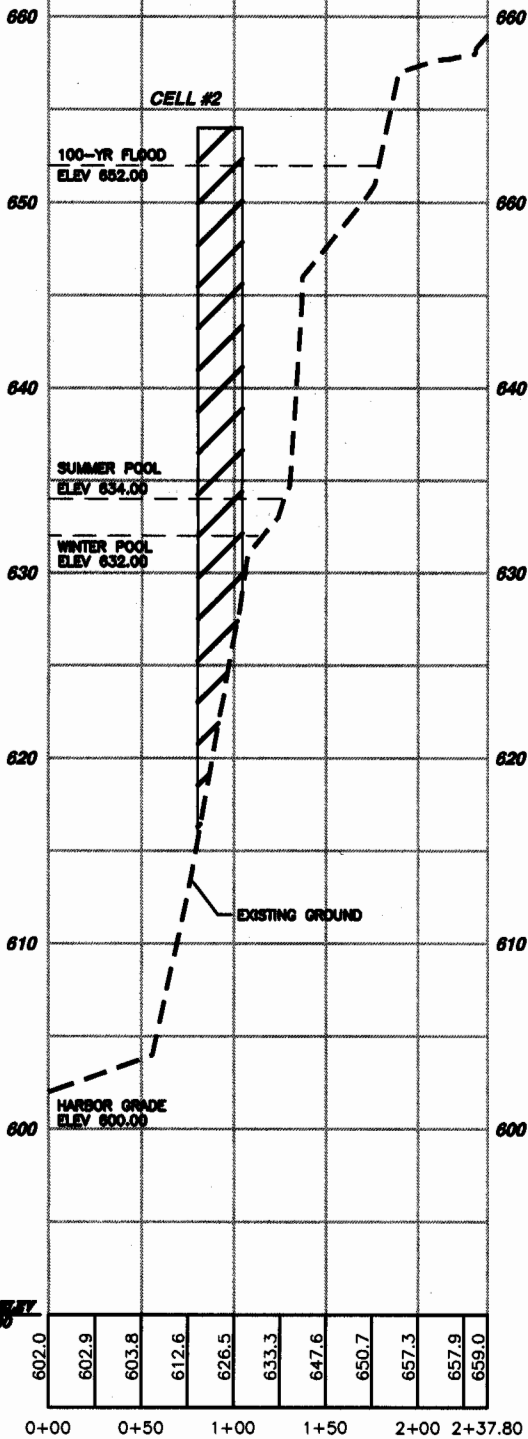


MARCH ADAMS & ASSOCIATES
Consulting Engineers
Chattanooga, Tennessee
Phone (423) 698-6675 MAA# 04235

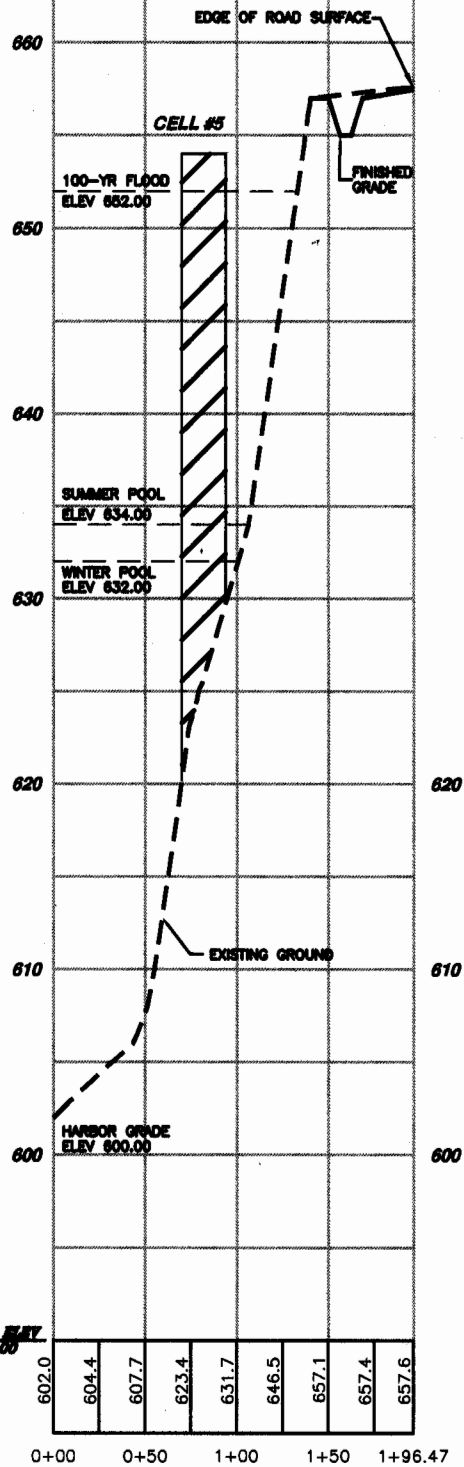
JOINT APPLICATION TVA/USACE
PROPOSED BARGE TERMINAL
731 Pineville Road
CHATTANOOGA, TN

DATE	09/16/05
REV.	11/03/05
SCALE	None
DWG#	APP-1
PN NO. 05-98	

VERTICAL SCALE: 1"= 10'
HORIZONTAL SCALE: 1"= 100'



VERTICAL SCALE: 1"= 10'
HORIZONTAL SCALE: 1"= 100'



CALL 3 WORKING DAYS
BEFORE YOU GO
DO - CALL - PLAN - WORK
(800) 391-1111
TOLL FREE - ONE CALL CENTER



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Consulting Engineers
Chattanooga, Tennessee
Phone (423) 698-6675 MAA# 04235

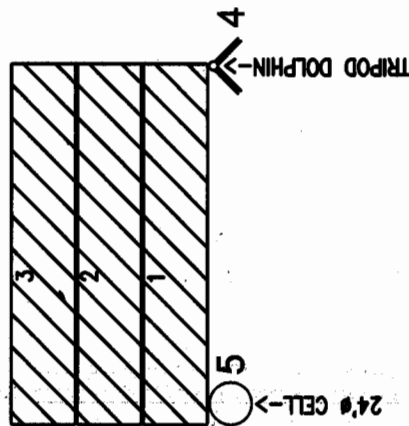
JOINT APPLICATION TVA/USACE
PROPOSED BARGE TERMINAL
731 Pineville Road
CHATTANOOGA, TN

DATE	11/03/05
SCALE	None
DWG#	APP-4 PN NO. 05-98

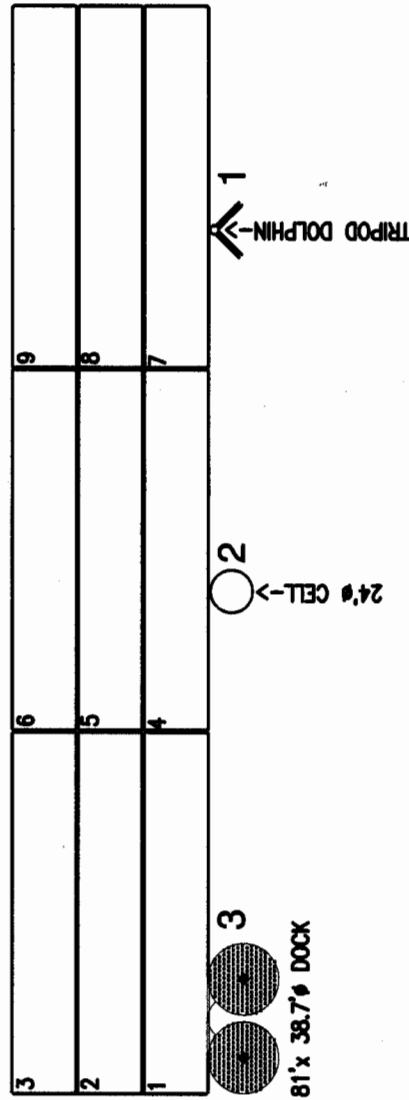
FILE NO. 200501325

MARCH ADAMS & ASSOC. - RAMSEY RIVERSIDE INDUSTRIES

Barges 1, 2, 3 after loading/unloading



Loading/unloading barges in numerical order



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Proposed Arrangement Plan for Barge Dock Facility

SCALE: 1" = 100'-0"

